

SIXTY-FOURTH
ANNUAL REPORT OF THE BOARD OF DIRECTORS
OF THE
MICHIGAN CENTRAL RAILROAD COMPANY
TO THE STOCKHOLDERS

FOR THE YEAR ENDED

DECEMBER 31 1909



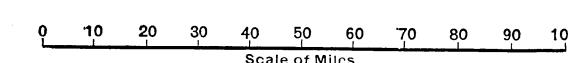
DETROIT

MICHIGAN

**THE
MICHIGAN CENTRAL RAILROAD
JANUARY, 1910.**

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System Lines:
Trackage Rights of System Lines:
Allied Lines:
Trackage Rights of Allied Lines:



Scale of Miles

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MICHIGAN

ORGANIZATION OF THE MICHIGAN CENTRAL RAILROAD COMPANY
DECEMBER 31, 1909

DIRECTORS

Elected at the annual meeting of stockholders held at Detroit, Michigan, May 6, 1909

HENRY B. LEDYARD, <i>Chairman</i>	
WILLIAM K. VANDERBILT	J. PIERPONT MORGAN
FREDERICK W. VANDERBILT	WILLIAM ROCKEFELLER
CHAUNCEY M. DEPEW	JAMES STILLMAN
HAMILTON McK. TWOMBLY	WILLIAM C. BROWN
WILLIAM K. VANDERBILT, JR.	GEORGE F. BAKER
WILLIAM H. NEWMAN	MARVIN HUGHITT

EXECUTIVE COMMITTEE

HENRY B. LEDYARD, *Chairman of the Board of Directors**

WILLIAM C. BROWN, *President**

WILLIAM K. VANDERBILT	HAMILTON McK. TWOMBLY
FREDERICK W. VANDERBILT	WILLIAM ROCKEFELLER
J. PIERPONT MORGAN	WILLIAM H. NEWMAN
	JAMES STILLMAN

**Members ex officio*

OFFICERS

President	WILLIAM C. BROWN	New York
Vice President	EDWARD V. W. ROSSITER	New York
Vice President	JOHN CARSTENSEN	New York
Vice President	CHARLES E. SCHAFF	Chicago
Vice President	ALBERT H. HARRIS	New York
Vice President	CHARLES F. DALY	New York
Secretary	DWIGHT W. PARDEE	New York
Treasurer	CHARLES F. COX	New York
General Manager	RICHARD H. L'HOMMEDIEU	Detroit
General Superintendent	SHELDON W. BROWN	Detroit
General Supt. MPRS&M	JOHN F. DEEMS	New York
Superintendent Motive Power	EDWARD D. BRONNER	West Detroit
Chief Engineer	GEORGE H. WEBB	Detroit
Auditor	FRANK O. WALDO	Detroit
General Purchasing Agent	FRANCIS H. GREENE	New York
Purchasing Agent	JOSEPH F. FARRELL	Detroit
General Freight Traffic Manager	BARRETT B. MITCHELL	Chicago
Freight Traffic Manager	GEORGE H. INGALLS	Chicago
General Freight Agent	WILLIAM C. ROWLEY	Detroit
Passenger Traffic Manager	WARREN J. LYNCH	Chicago
General Passenger Agent	OLIVER W. RUGGLES	Chicago
Advisory Counsel	ASHLEY POND	Detroit
General Counsel	HENRY RUSSEL	Detroit

The annual meeting of stockholders for the election of directors, is held in the city of Detroit, Michigan, on the Thursday following the first Wednesday in May.

REPORT

To the stockholders of

THE MICHIGAN CENTRAL RAILROAD COMPANY:

The Board of Directors herewith submits its report for the year ended December 31, 1909, with statements showing the results for the year and the financial condition of the company.

All revenues, operating expenses, other income, and train and engine mileage, for the year ended December 31, 1909, are stated in accordance with the classifications required by the Interstate Commerce Commission, effective July 1, 1908, and the general balance sheet in accordance with classification and order effective July 1, 1909.

The report covers the operation of the following mileage:

	<i>Miles</i>
Main line	270·07
Proprietary lines	345·05
Leased lines	1,117·34
Lines operated under trackage rights	14·00
Total road operated	<u>1,746·46</u>

A statement showing in detail the miles of road and track operated will be found upon another page.

There was no change in capital stock during the year, the amount authorized and outstanding being \$18,738,000 00

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The funded debt outstanding December 31, 1908,—including Three-year 5% Gold Notes, issued February 1, 1907,—was \$36,030,000 00

It has been decreased during the year ended December 31, 1909, as follows:

Michigan Central—Jackson, Lansing & Saginaw three and one-half per cent gold bonds of 1951 purchased and cancelled by the Trustees of the Land Grant Fund of the Jackson, Lansing & Saginaw Railroad Company, \$ 5,000 00

Michigan Central—Grand River Valley six per cent bonds maturing September 1, 1909, surrendered and paid, 1,500,000 00 1,505,000 00

(The \$1,500,000.00 of this company's six per cent bonds secured by Mortgage executed by this company and the Grand River Valley Railroad Company, matured September 1, 1909, and will be refunded by the issue of \$1,500,000.00 of new fifty year four per cent bonds out of a total authorized issue of \$4,500,000.00 of bonds similarly secured.) \$34,525,000 00

During the year there were issued out of an authorized total of \$25,000,000.00, twenty year four per cent gold debentures, provided for in an indenture made between this company and Guaranty Trust Company of New York dated April 1, 1909. Total funded debt December 31, 1909 (detail on another page) 7,634,000 00
\$42,159,000 00

The charges in cost of road and equipment account were as follows:

Amount charged account Main Line to December 31, 1908 \$35,213,257 09

There was charged for additions and betterments in 1909

Against capital account	\$1,069,702 64
Against income account (equipment)	<u>548,924 72</u> 1,618,627 36

Additions and betterments charged to income June 30, 1907, to December 31, 1908 (set up as required by Interstate Commerce Commission) 1,129,103 84 \$37,960,988 29

Amount charged account Leased Lines to December 31, 1908 \$14,245,038 87

There was charged for additions and betterments against capital account during 1909 872,734 29

Additions and betterments charged to income June 30, 1907, to December 31, 1908 503,518 30 15,621,291 46

Total to December 31, 1909 \$53,582,279 75

The Michigan Central Railroad Company

The net charges for additional equipment during the year amounted in total to \$1,443,041.06 as follows:

Charged to capital account as set forth in detail elsewhere	\$894,116 34
Charged to income:	
Payments account equipment trust	\$988,699 55
Installments account sundry equipment contracts	355,151 38
6 second-hand locomotives purchased	29,835 24
10 cabooses and 1 snow flanger built at shops	6,781 93
Total charges	\$1,380,468 10
Less reserve and replacement funds	831,543 38
Total	548,924 72
	\$1,443,041 06

Full particulars regarding the equipment acquired and rental paid under the terms of the New York Central Lines Equipment Trust Agreement and Lease of 1907 will be found on another page.

The Detroit Belt Line Railroad, which owns a valuable terminal and connecting railroad in the City of Detroit, Michigan, was organized May 18, 1909. This company owns the entire capital stock thereof, amounting to \$100,000, and under agreement dated July 20, 1909, operates the road.

The construction of the double tube tunnel under and across the Detroit River by the Detroit River Tunnel Company, the entire capital stock of which latter company is owned by this company, has progressed almost to completion. The open cuts and approaches on both sides of the river are finished, and the tunnel under the river is finished so far as to be open for use for the purposes of construction. There remains only to be completed a portion of the interior lining of the subaqueous tunnel and the tracks and electrification work. It is expected that the tunnel can be put into use during the early part of 1910.

An arrangement has been made under the terms of which this company can acquire at any time, upon demand, the title to and possession of the property in the City of Detroit desired for the location of a proposed new passenger station, and a satisfactory ordinance passed by the City providing for the necessary closing of streets and construction of subways, etc., has been accepted by this company.

*Annual Report***SUMMARY OF FINANCIAL OPERATIONS AFFECTING INCOME**

OPERATING INCOME	1909 1,746·46 miles operated	1908 1,746·46 miles operated	Increase	Decrease
RAIL OPERATIONS				
Revenues	\$27,415,467 20	\$24,222,139 20	\$3,193,328 00	
Expenses	18,499,528 24	16,783,767 94	1,715,760 30	
NET REVENUE FROM RAIL OPERATIONS	<u>\$8,915,938 96</u>	<u>\$7,438,371 26</u>	<u>\$1,477,567 70</u>	
Percentage of expenses to revenue	(67·48%)	(69·29%)		(1·81%)
OUTSIDE OPERATIONS				
Revenues	\$489,927 04	\$473,281 68	\$16,645 36	
Expenses	541,079 10	492,314 52	48,764 58	
NET DEFICIT FROM OUTSIDE OPERATIONS	<u>\$51,152 06</u>	<u>\$19,032 84</u>	<u>\$32,119 22</u>	
NET REVENUE FROM ALL OPERATIONS	\$8,864,786 90	\$7,419,338 42	\$1,445,448 48	
TAXES ACCRUED	1,121,531 99	1,105,694 21	15,837 78	
OPERATING INCOME	<u>\$7,743,254 91</u>	<u>\$6,313,644 21</u>	<u>\$1,429,610 70</u>	
OTHER INCOME				
Joint facilities rents	\$185,157 79	\$185,019 56	\$138 23	
Miscellaneous rents	3,011 19	3,138 59		\$127 40
Dividends on stocks owned or controlled	248,153 85	239,066 50	9,087 35	
Interest on funded debt owned	33,760 00	23,498 89	10,261 11	
Interest on other securities, loans and accounts	471,397 82	392,795 38	78,602 44	
Miscellaneous income				
TOTAL OTHER INCOME	<u>\$941,480 65</u>	<u>\$843,518 92</u>	<u>\$97,961 73</u>	
GROSS CORPORATE INCOME	<u>\$8,684,735 56</u>	<u>\$7,157,163 13</u>	<u>\$1,527,572 43</u>	
DEDUCTIONS FROM GROSS CORPORATE INCOME				
Rentals of leased lines	\$510,310 00	\$510,310 00		
Hire of equipment				
Car mileage and per diem balances	714,640 99	803,909 87		\$89,268 88
Interest on equipment trust certificates	180,127 61	214,402 05		34,274 44
Joint facilities rents	516,400 76	488,738 99	\$27,661 77	
Miscellaneous rents	5,959 84	6,712 07		752 23
Interest on funded debt	2,451,584 32	2,268,938 33	182,645 99	
Other interest	747,290 52	841,896 40		94,605 88
Additions and betterments		395,135 27		395,135 27
Additional equipment	548,924 72		548,924 72	
Other deductions	137,000 00		137,000 00	
TOTAL DEDUCTIONS FROM GROSS CORPORATE INCOME	<u>\$5,812,238 76</u>	<u>\$5,530,042 98</u>	<u>\$282,195 78</u>	
NET CORPORATE INCOME	<u>\$2,872,496 80</u>	<u>\$1,627,120 15</u>	<u>\$1,245,376 65</u>	
DIVIDENDS, TWO, AGGREGATING 6%	1,124,280 00	1,124,280 00		
SURPLUS	<u>\$1,748,216 80</u>	<u>\$502,840 15</u>	<u>\$1,245,376 65</u>	
Surplus for the year				\$1,748,216 80
Amount to credit of Profit and Loss December 31, 1908				8,741,014 06
Deduct				\$10,489,230 86
Discount and Commission on Gold Debentures			\$553,445 00	
Less—adjustment of sundry accounts			30,192 42	523,252 58
Balance to credit of Profit and Loss December 31, 1909				\$9,965,978 28

The Michigan Central Railroad Company

The total operating revenues were \$27,415,467.20. an increase of \$3,193,328.00 as compared with the previous year.

The freight revenue was \$18,267,530.44, an increase of \$2,240,771.25. This was due to an increased movement in nearly all commodities.

The passenger revenue was \$6,655,698.85, an increase of \$625,279.59, due to a general improvement in both local and interline business.

The express revenue was \$1,244,745.14, an increase of \$204,082.11.

Revenue from transportation of mails was \$409,212.23, a decrease of \$4,328.60.

The operating revenue from all other sources increased \$127,523.65 over the previous year.

The total expenses of operation were \$18,499,528.24, an increase of \$1,715,760.30.

Maintenance of way and structures increased \$676,351.40, due to additional expenditures for repairs to roadway, track and buildings.

Maintenance of equipment increased \$747,438.75 on account of extensive repairs to locomotives and cars of all classes.

Traffic expenses increased \$83,667.05.

Transportation expenses increased \$206,165.49, due to the heavier volume of traffic handled.

General expenses increased \$2,137.61.

There was an increase in the deficit from outside operations of \$32,119.22 over the previous year, due principally to additional expenditures in the operation of dining car service and stock yards.

The operating income was \$7,743,254.91, an increase of \$1,429,610.70.

Other income was \$941,480.65, an increase of \$97,961.73, on account of additional amount received from interest on loans.

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Total deductions from income amounted to \$5,812,238.76, an increase of \$282,195.78, due principally to interest on gold debentures issued, charges for additional equipment, and proportionate share of deficit from operation of Indiana Harbor Belt Railroad, partially offset by decreased charges for hire of equipment, general interest and additions and betterments.

The profit from operation for the year, after payment of 6% in dividends upon the capital stock, was \$1,748,216.80, which has been carried to the credit of Profit and Loss.

On November 10, the Board of Directors approved a plan, to take effect January 1, 1910, for the retirement and pensioning of employees of the company who, through age or disability, become unable to continue longer in its service. A Board of Pensions, consisting of eight persons to be appointed annually by the President of the company, was established, and the sum of \$56,000.00, or such smaller amount as may be necessary, was authorized to be appropriated annually for the payment of pensions. The plan provides that all employees who reach the age of seventy years shall be retired, and that such of them as have been in the service for at least ten years immediately preceding their retirement shall be pensioned. Those employees who, having been in the service continually for twenty years, become, in the opinion of the Board of Pensions, unfitted for duty, may be retired and pensioned.

The following appointments of officials were made during the year:

- January 1, Herbert D. Howe, General Land & Tax Agent.
- January 1, Ora E. Butterfield, Assistant General Solicitor.
- April 1, Nathaniel E. Slaymaker, Land & Tax Agent.
- April 1, William Hutchinson, Assistant Land & Tax Agent.
- August 2, James J. Ross, Superintendent of Telegraph.
- October 1, Henry Shearer, Division Superintendent, St. Thomas.
- November 1, N. Bates Ackley, Assistant Auditor.
- November 1, Eugene A. Wigren, Auditor of Disbursements.
- November 1, John M. Eedson, Freight Claim Agent.
- November 1, William C. Lewis, Assistant General Freight Agent, Chicago.
- November 1, Joseph H. Brown, Assistant General Freight Agent, Bay City.
- December 1, Frank E. Robson, General Attorney.
- December 1, John P. Puhl, Paymaster.

General conditions were never more favorable, and every visible indication points to renewed and increasing prosperity for the country at large, in which the railroads may hope to participate.

The business of the road shows steady increase; and expenditures which have been made for improvements, adding to efficiency and economy of operation, should be reflected in increased net revenue.

Appreciative acknowledgment is made of the faithful, efficient performance of duty by employes in every department of the service during the year.

WILLIAM C. BROWN,
President.

The Michigan Central Railroad Company
DETAIL OF OPERATING REVENUES

TRANSPORTATION

	1909	1908	Increase	Decrease
Freight	\$18,267,530 44	\$16,026,759 19	\$2,240,771 25	
Passenger	6,655,698 85	6,030,419 26	625,279 59	
Excess baggage	96,639 53	79,196 40	17,443 13	
Mail	409,212 23	413,540 83		\$4,328 60
Express	1,244,745 14	1,040,663 03	204,082 11	
Milk (on passenger trains)	26,045 10	21,472 81	4,572 29	
Other passenger train	24,683 29	20,576 12	4,107 17	
Switching	445,835 61	357,902 43	87,933 18	
Special service train	7,566 73	17,139 77		9,573 04
Miscellaneous transportation	44,720 08	43,675 92	1,044 16	
Totals	<u>\$27,222,677 00</u>	<u>\$24,051,345 76</u>	<u>\$3,171,331 24</u>	<u></u>

OTHER THAN TRANSPORTATION

Station and train privileges	\$10,612 67	\$13,629 22	\$3,016 55	
Parcel room receipts	7,382 30	8,007 30	625 00	
Storage—freight	25,959 15	16,817 29	\$9,141 86	
Storage—baggage	5,504 30	5,327 77	176 53	
Car service	78,381 81	59,299 60	19,082 21	
Telegraph and telephone service	1,218 58	106 22	1,112 36	
Rents of buildings and other property	39,351 10	41,627 84	2,276 74	
Miscellaneous	15,889 27	22,318 38	6,429 11	
Joint facilities revenue—Dr.	160 00	34 22	125 78	
Joint facilities revenue—Cr.	8,651 02	3,694 04	4,956 98	
Totals	<u>\$192,790 20</u>	<u>\$170,793 44</u>	<u>\$21,996 76</u>	<u></u>
TOTAL OPERATING REVENUES	<u>\$27,415,467 20</u>	<u>\$24,222,139 20</u>	<u>\$3,193,328 00</u>	<u></u>

EXPENSES IN DETAIL (RAIL OPERATIONS)

MAINTENANCE OF WAY AND STRUCTURES

	1909	1908	Increase	Decrease
Superintendence	\$165,999 85	\$155,910 97	\$10,088 88	
Ballast	83,924 20	25,191 73	58,732 47	
Ties	509,578 31	394,141 10	115,437 21	
Rails	273,325 89	160,899 25	112,426 64	
Other track material	297,649 50	327,841 97		\$30,192 47
Roadway and track	1,303,795 55	1,030,707 26	273,088 29	
Removal of snow, sand and ice	51,518 17	75,103 36		23,585 19
Bridges, trestles and culverts	155,718 79	98,678 58	57,040 21	
Over and under grade crossings	6,421 43	2,217 83	4,203 60	
Grade crossings, fences, cattle guards, and signs	85,136 46	60,187 51	24,948 95	
Snow and sand fences and snowsheds	1,392 76	1,614 10		221 34
Signals and interlocking plants	150,922 57	144,538 63	6,383 94	
Telegraph and telephone lines	12,931 72	10,555 44	2,376 28	
Buildings, fixtures, and grounds	221,869 46	188,336 50	33,532 96	
Docks and wharves	7,176 74	5,830 51	1,846 23	
Roadway tools and supplies	58,786 90	26,573 12	32,213 78	
Injuries to persons	1,127 76	1,551 42		423 66
Stationery and printing	5,878 19	3,725 15	2,153 04	
Other expenses	409 22	50 00	359 22	
Maintaining joint tracks, yards, { and other facilities—Dr. }	192,751 96	163,030 80	29,721 16	
Maintaining joint tracks, yards, { and other facilities—Cr. }	128,150 19	94,371 39		33,778 80
Totals	<u>\$3,458,165 24</u>	<u>\$2,781,813 84</u>	<u>\$676,351 40</u>	<u></u>

*Annual Report**EXPENSES IN DETAIL (RAIL OPERATIONS) continued*

MAINTENANCE OF EQUIPMENT

	1909	1908	Increase	Decrease
Superintendence	\$120,942 38	\$117,289 22	\$3,653 16	
Steam locomotives—repairs	1,253,694 79	1,093,070 81	160,623 98	
Steam locomotives—renewals	63,498 48	23,668 63	39,829 85	
Passenger-train cars—repairs	236,698 70	166,728 09	69,970 61	
Passenger-train cars—renewals	1,692 50		1,692 50	
Freight-train cars—repairs	1,851,621 70	1,484,905 60	366,716 10	
Freight-train cars—renewals	96,650 26	30,073 71	66,576 55	
Floating equipment—repairs	9,697 60	18,986 07		\$9,288 47
Work equipment—repairs	30,073 99	14,895 89	15,178 10	
Work equipment—renewals	11,361 00	2,575 00	8,786 00	
Shop machinery and tools	65,468 07	45,098 91	20,369 16	
Injuries to persons	2,429 42	3,116 42		687 00
Stationery and printing	6,290 71	4,511 66	1,779 05	
Other expenses	55 20	32 00	23 20	
Maintaining joint equipment at terminals—Dr.	6,407 01	4,692 51	1,714 50	
Maintaining joint equipment at terminals—Cr.		501 46	501 46	
Totals	\$3,756,581 81	\$3,009,143 06	\$747,438 75	

TRAFFIC EXPENSES

Superintendence	\$163,404 92	\$156,507 30	\$6,897 62
Outside agencies	132,806 22	130,453 96	2,352 26
Advertising	77,359 15	60,830 39	16,528 76
Traffic associations	21,044 28	18,729 87	2,314 41
Fast freight lines	311,040 96	272,845 13	38,195 83
Industrial and immigration bureaus	5,577 35	5,658 73	
Stationery and printing	66,697 79	48,631 34	18,066 45
Other expenses	*262 45	344 45	606 90
Totals	\$777,668 22	\$694,001 17	\$83,667 05

*Credit

TRANSPORTATION EXPENSES

Superintendence	\$228,284 17	\$219,652 94	\$8,631 23
Dispatching trains	74,455 34	75,660 21	
Station employees	1,738,641 62	1,606,617 59	132,024 03
Weighing and car-service associations	52,487 40	57,005 12	
Station supplies and expenses	133,890 22	126,389 90	7,500 32
Yardmasters and their clerks	202,147 25	189,510 25	12,637 00
Yard conductors and brakemen	640,952 69	591,751 41	49,201 28
Yard switch and signal tenders	47,329 79	57,936 32	
Yard supplies and expenses	20,478 31	15,207 30	5,271 01
Yard enginemen	448,903 21	421,362 46	27,540 75
Enginehouse expenses—yard	67,113 66	63,913 92	3,199 74
Fuel for yard locomotives	440,436 31	478,577 17	
Water for yard locomotives	19,494 33	22,117 52	38,140 86
Lubricants for yard locomotives	7,897 70	9,185 47	2,623 19
Other supplies for yard locomotives	5,768 11	3,855 23	1,287 77
Operating joint yards and terminals—Dr.	241,044 42	284,435 75	
Operating joint yards and terminals—Cr.	60,331 45	129,530 26	69,198 81
Road enginemen	1,050,844 44	987,687 06	63,157 38
Enginehouse expenses—road	278,515 78	261,975 24	16,540 54
Fuel for road locomotives	1,960,699 79	1,907,918 56	52,781 23
Water for road locomotives	84,349 76	86,347 31	
Lubricants for road locomotives	42,277 25	36,226 78	6,050 47
Other supplies for road locomotives	23,063 68	20,510 37	2,553 31
Carried forward	\$7,748,743 78	\$7,394,313 62	

*The Michigan Central Railroad Company**EXPENSES IN DETAIL (RAIL OPERATIONS) concluded*TRANSPORTATION EXPENSES (*continued*)

	1909	1908	Increase	Decrease
<i>Brought forward</i>	\$7,748,743 78	\$7,394,313 62		
Road trainmen	1,104,486 66	1,013,458 47	\$91,028 19	
Train supplies and expenses	214,482 41	293,099 60		\$78,617 19
Interlockers, block and other signals—operation	116,758 89	120,144 14		3,385 25
Crossing flagmen and gatemen	94,129 36	91,975 80	2,153 56	
Drawbridge operation	12,344 25	12,966 13		621 88
Clearing wrecks	26,297 83	26,978 07		680 24
Telegraph and telephone—operation	73,681 96	89,655 06		15,973 10
Operating floating equipment	125,990 19	131,120 55		5,130 36
Stationery and printing	114,408 32	94,948 47	19,450 85	
Other expenses	6,343 61	7,017 54		673 93
Loss and damage—freight	260,643 76	323,690 28		63,046 52
Loss and damage—baggage	2,206 08	1,266 29	939 79	
Damage to property	21,266 58	16,158 65	5,107 93	
Damage to stock on right of way	2,023 81	3,694 60		1,670 79
Injuries to persons	115,509 93	189,809 96		74,300 03
Operating joint tracks and facilities—Dr.	100,772 12	64,684 22	36,087 90	
Operating joint tracks and facilities—Cr.	89,399 59	30,456 99		58,942 60
Totals	\$10,050,689 95	\$9,844,524 46	\$206,165 49	

GENERAL EXPENSES

	1909	1908	Increase	Decrease
Salaries and expenses of general officers	\$93,745 78	\$94,643 48		\$897 70
Salaries and expenses of clerks and attendants	180,963 07	172,385 56	\$8,577 51	
General office supplies and expenses	13,389 77	14,224 58		834 81
Law expenses	87,085 04	86,574 73	510 31	
Insurance	12,454 35	23,674 47		11,220 12
Pensions	8,895 37	7,842 69	1,052 68	
Stationery and printing	24,088 17	17,650 85	6,437 32	
Other expenses	34,190 58	35,987 06		1,796 48
General administration joint tracks, yards } and terminals—Dr. }	1,610 89	1,310 65	300 24	
General administration joint tracks, yards } and terminals—Cr. }		8 66	8 66	
Totals	\$456,423 02	\$454,285 41	\$2,137 61	

PERCENTAGE OF EXPENSES TO REVENUE BY GROUPS

	1909	1908
Maintenance of way and structures	12·61	11·48
Maintenance of equipment	13·70	12·42
Traffic expenses	2·84	2·87
Transportation expenses	36·66	40·64
General expenses	1·67	1·88
Totals	67·48	69·29

*Annual Report***OUTSIDE OPERATIONS**

	1909	1908	Increase	Decrease
DINING CAR SERVICE				
Revenues	\$309,306 19	\$275,642 73	\$33,663 46	
Expenses	<u>351,098 75</u>	<u>304,480 55</u>	<u>46,618 20</u>	
Net Deficit	<u>\$41,792 56</u>	<u>\$28,837 82</u>	<u>\$12,954 74</u>	
GRAIN ELEVATORS				
Revenues	\$10,912 25	\$9,511 03	\$1,401 22	
Expenses	<u>17,149 33</u>	<u>20,826 57</u>		\$3,677 24
Net Deficit	<u>\$6,237 08</u>	<u>\$11,315 54</u>		<u>\$5,078 46</u>
STOCK YARDS				
Revenues	\$78,790 07	\$90,166 65		\$11,376 58
Expenses	<u>84,386 29</u>	<u>75,757 51</u>	<u>\$8,628 78</u>	
Net Revenue		\$14,409 14		
Net Deficit	<u>\$5,596 22</u>		<u>\$20,005 36</u>	
RESTAURANTS				
Revenues	\$90,918 53	\$90,418 05	\$500 48	
Expenses	<u>88,444 73</u>	<u>87,710 75</u>	<u>733 98</u>	
Net Revenue	<u>\$2,473 80</u>	<u>\$2,707 30</u>		<u>\$233 50</u>
FREIGHT STORAGE PLANTS				
Revenues		\$7,543 22		\$7,543 22
Expenses		<u>3,539 14</u>		<u>3,539 14</u>
Net Revenue		<u>\$4,004 08</u>		<u>\$4,004 08</u>
TOTAL DEFICIT	<u>\$51,152 06</u>	<u>\$19,032 84</u>	<u>\$32,119 22</u>	

ACCRUED TAXES

MICHIGAN CENTRAL SYSTEM (INCLUDING LEASED LINES)

State or Territory	On the value of real and personal property	On stocks, bonds, loans, etc.	On gross or net earnings, revenue or dividends	Total
Michigan	\$939,504 44			\$939,504 44
Indiana	74,796 66			74,796 66
Illinois	46,812 60			46,812 60
Ohio	11,527 14		\$3,310 08	14,837 22
Canada	38,742 78			38,742 78
New York	<u>6,575 79</u>	<u>\$262 50</u>		<u>6,838 29</u>
Total	<u>\$1,117,959 41</u>	<u>\$262 50</u>	<u>\$3,310 08</u>	<u>\$1,121,531 99</u>

*The Michigan Central Railroad Company**DEDUCTIONS FROM INCOME**Interest on funded debt*

THIS COMPANY'S BONDS

Interest at 3½% per annum on Michigan Central First mortgage bonds	\$490,000 00
Interest at 6% per annum on Grand River Valley First mortgage bonds	60,000 00
Interest at 5% per annum on Detroit & Bay City First mortgage bonds	200,000 00
Interest at 5% per annum on Kalamazoo & South Haven First mortgage bonds	35,000 00
Interest at 4% per annum on Michigan Air Line First mortgage bonds	104,000 00
Interest at 3½% per annum on Jackson, Lansing & Saginaw First mortgage bonds	60,459 97
Interest at 4% per annum on Joliet & Northern Indiana First mortgage bonds	60,000 00
Interest at 4% per annum on Gold Debentures	<u>212,794 35</u>
Total	\$1,222,254 32

LEASED LINE BONDS

Interest at 3% per annum on Bay City & Battle Creek First mortgage bonds	\$ 7,500 00
Interest at 3% per annum on Battle Creek & Sturgis First mortgage bonds	12,630 00
Interest at 6% per annum on Canada Southern First mortgage bonds	840,000 00
Interest at 5% per annum on Canada Southern Second mortgage bonds	300,000 00
Interest at 4% per annum on Leamington and St. Clair mortgage bonds	5,200 00
Interest at 4% per annum on Toledo, Canada Southern and Detroit First mortgage bonds	<u>64,000 00</u>
Total	\$1,229,330 00
Total interest on funded debt	\$2,451,584 32

Rentals of leased lines

Jackson, Lansing & Saginaw rental	\$70,000 00
Jackson, Lansing & Saginaw expenses	750 00
Grand River Valley rental	24,560 00
Joliet & Northern Indiana rental	15,000 00
Canada Southern rental	375,000 00
St. Joseph, South Bend and Southern rental	20,000 00
Benton Harbor Extension, etc., rental	5,000 00
Total	510,310 00

Other deductions

Hire of equipment—car mileage and per diem balances	\$714,640 99
Hire of equipment—interest on equipment trust certificates	180,127 61
Joint facilities rents	516,400 76
Miscellaneous rents	5,959 84
Other interest	747,290 52
Additional equipment	548,924 72
Other deductions	<u>137,000 00</u>
Total	2,850,344 44
Total deductions	<u>\$5,812,238 76</u>

DIVIDENDS

Payable July 29, 1909	3% on 187,380 shares of capital stock	\$562,140 00
Payable January 29, 1910,	<u>3%</u> on 187,380 shares of capital stock	562,140 00
Total	<u>6%</u>	\$1,124,280 00

*Annual Report****DETAIL OF EXPENDITURES FOR IMPROVEMENTS TO PROPERTY****Amounts charged against capital for road and equipment*

MICHIGAN CENTRAL RAILROAD—MAIN LINE

Yards and sidings

Detroit, transfer tracks Junction yards	\$ 1,226 62
Kalamazoo, repair track Botsford yard	4,233 05
Miscellaneous passing and industrial sidings	<u>29,046 20</u>
	\$ 34,505 87

Stations and other structures

Jackson, new roundhouse	\$ 37,559 04
Kensington, improvements to elevator	8,396 21
Detroit, improvements at stock yards	5,655 98
Various station buildings	8,736 99
Paving, driveways and other improvements	15,874 73
Shops, water stations and fuel stations	<u>8,098 00</u>
	84,820 95

Roadway

Stone ballast	\$ 26,014 12
Telegraph and telephone improvements	20,309 32
Improvements to signaling apparatus	3,794 04
Miscellaneous improvements	<u>6,642 00</u>
	56,759 48

New equipment

Locomotives	
18 consolidated freight, 12 Pacific type passenger, 16 switching	\$747,997 29
Passenger cars	
11 coaches, 1 dining car	138,619 05
Freight cars	
10 caboose	<u>7,500 00</u>
Total expenditures charged to cost of road and equipment for the year 1909	<u>894,116 34</u>
	\$1,069,702 64

*The Michigan Central Railroad Company**DETAIL OF EXPENDITURES FOR IMPROVEMENTS TO PROPERTY (continued)**Amounts charged against capital for road and equipment*

LEASED AND PROPRIETARY LINES

*Canada Southern Railway**Yards and Sidings*

Windsor, new yard	\$241,774 12
Victoria, track changes for new roundhouse	3,120 67
Miscellaneous industrial and railroad sidings	7,085 86
	<hr/>

Stations and other structures

Victoria, new roundhouse	\$ 17,463 02
Sundry passenger, water and fuel stations	5,016 77
	<hr/>

Roadway

Increased weight of rail	\$138,364 31
Stone ballast	16,476 88
Subways, Ross St. and First Ave., St. Thomas	40,468 64
Electric railroad under crossing, Charing Cross	11,764 35
Miscellaneous improvements	5,010 57
	<hr/>
Total	\$486,545 19

Detroit and Bay City Railroad

Miscellaneous industrial and railroad sidings	\$ 13,233 58
Various improvements to stations and grounds	5,829 18
Telegraph and telephone improvements	2,453 06
Sundry small improvements	2,193 34
	<hr/>
	23,709 16

Grand River Valley Railroad

Industrial and railroad sidings	\$ 1,010 98
Various improvements to stations and grounds	5,566 74
	<hr/>

Forward

*Annual Report****DETAIL OF EXPENDITURES FOR IMPROVEMENTS TO PROPERTY (concluded)****Amounts charged against capital for road and equipment***LEASED AND PROPRIETARY LINES (continued)**

<i>Brought forward</i>	\$516,832 07
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Jackson, Lansing and Saginaw Railroad

Logging branches	\$107,941 94
Increased weight of rail	57,773 14
Industrial and railroad sidings	27,620 94
Passing tracks	4,368 08
Station and other improvements	12,423 48
	210,127 58

Joliet and Northern Indiana Railroad

Track elevation, Joliet	\$ 71,432 44
Interlocking improvements	5,235 50
Industrial and railroad sidings	2,450 26
Interchange track	3,818 94
Station and other improvements	18,338 86
	101,276 00

St. Joseph, South Bend and Southern R R and B H extension

Grade separation, Lydick	\$20,000 00
Miscellaneous improvements	873 69
	20,873 69

Toledo, Canada Southern and Detroit Railway

Industrial and railroad sidings	\$ 7,431 43
Grade separation, Toledo	2,656 87
Miscellaneous improvements	2,910 30
	12,998 60

Industrial and railroad sidings at various points

Total expenditures charged to cost of road and equipment for the year 1909	\$872,734 29
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Summary

Michigan Central Railroad—Main Line	\$1,069,702 64
Leased and Proprietary Lines	872,734 29
Total	\$1,942,436 93

The Michigan Central Railroad Company

NEW YORK CENTRAL LINES EQUIPMENT TRUST OF 1907

The following statement shows the character of the equipment acquired under the terms of the New York Central Lines Equipment Trust Agreement and Lease of 1907, together with the total amount of certificates issued by the Guaranty Trust Company, and the amount now outstanding:

ROAD	Locomotives	Passenger Cars	Freight Cars	Company Service Cars	Certificates Issued by Guaranty Trust Co. for 90 per cent of value	Rental paid and applied to Redemption of Certificates	Balance Certificates Issued by Guaranty Trust Co. Outstanding December 31, 1909
N. Y. C. & H. R. R. R.	447	88	4,000		\$11,904,901 78	\$1,587,320 24	\$10,317,581 54
L. S. & M. S. RY	125	25	4,000	200	6,708,392 73	894,452 36	5,813,940 37
C. I. & S. R. R.	2	8	3,400	150	3,779,976 60	503,996 88	3,275,979 72
M. C. R. R.	5	15	3,500	200	3,906,381 73	520,850 90	3,385,530 83
C. C. C. & ST. L. RY	112	17	1,525	100	3,700,347 16	493,379 62	3,206,967 54
TOTALS	691	153	16,425	650	\$30,000,000 00	\$4,000,000 00	\$26,000,000 00

In addition to the annual rental payment of one-fifteenth of the par value of the certificates originally issued, the further sum of \$1,400,000, representing interest at the rate of 5% per annum on \$28,000,000 of certificates, was paid in 1909 by the companies, parties to the agreement, as follows:

New York Central & Hudson River Railroad Company	\$555,562 08
Lake Shore & Michigan Southern Railway Company	313,058 34
Chicago, Indiana & Southern Railroad Company	176,398 90
Michigan Central Railroad Company	182,297 82
Cleveland, Cincinnati, Chicago & St. Louis Railway Company	172,682 86
TOTAL	\$1,400,000 00

*Annual Report**CONDENSED GENERAL BALANCE SHEET, DECEMBER 31, 1909**Assets**Property owned as investment**Physical property owned*

Road and equipment to June 30, 1907			
Michigan Central Railroad—Main line	\$ 35,213,257 09		
Leased and proprietary lines	14,216,143 27		
			\$49,429,400 36
Road and equipment since June 30, 1907			
Michigan Central Railroad—road	\$ 690,425 59		
Michigan Central Railroad—equipment	2,057,305 61		
Leased and proprietary lines—road			
			\$ 2,747,731 20
Total cost of road and equipment			1,405,148 19
			\$ 4,152,879 39
			\$53,582,279 75

Securities owned

Securities of proprietary, affiliated and controlled companies—pledged			
Canada Southern Railway Company—stock	\$ 5,444,000 00		
Securities of proprietary, affiliated and controlled companies—unpledged			
	2,315,191 50		7,759,191 50

Investments

Advances to proprietary, affiliated and controlled companies for construction, equipment and betterments			
Detroit Terminal Railroad Company	\$ 26,893 06		
Other permanent investments			
Physical property—real estate	1,554,397 71		
Securities	1,599,530 00		3,180,820 77
Total property owned as investment			\$64,522,292 02

Working assets

Cash	\$ 4,909,757 66		
Marketable securities	17,276 88		
Net traffic, car mileage and per diem balance	697,451 17		
Net balance due from agents and conductors	1,421,593 66		
Miscellaneous accounts receivable	1,909,879 72		
Materials and supplies	2,008,892 68		
			10,964,851 77

*Deferred debit items**Advances*

Chicago, Indiana & Southern Railroad	\$ 195,000 00		
Detroit River Tunnel Co.	6,511,974 85		
Indiana Harbor Belt Railroad	793,846 61		
Toledo Terminal Railroad	43,200 00		
Toronto, Hamilton and Buffalo Railway	41,644 64		\$ 7,585,666 10

Working funds

Items in suspense	74,882 30		
	239,550 79		
			7,900,099 19

\$83,387,242 98

*The Michigan Central Railroad Company**CONDENSED GENERAL BALANCE SHEET, DECEMBER 31, 1909**Liabilities**Stock*

Capital stock—common	\$18,738,000 00
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*Mortgage, bonded and secured debt**Funded debt**Mortgage Bonds*

Michigan Central first mortgage	\$14,000,000 00
Detroit & Bay City first mortgage	4,000,000 00
Kalamazoo & South Haven first mortgage	700,000 00
Michigan Air Line first mortgage	2,600,000 00
Jackson, Lansing & Saginaw first mortgage	1,725,000 00
Joliet & Northern Indiana first mortgage	1,500,000 00

Plain bonds, debentures and notes

Gold debentures	7,634,000 00
Three year 5% gold notes	<u>10,000,000 00</u>
Total capitalization	<u>\$60,897,000 00</u>

Working liabilities

Loans and bills payable	\$4,450,000 00
Audited vouchers and wages unpaid	3,611,341 99
Miscellaneous accounts payable	84,048 73
Matured dividends, interest and rents unpaid	597,046 50
Matured mortgage, bonded and secured debt unpaid	3,000 00
Other working liabilities	<u>618,070 23</u>
	9,363,507 45

Accrued liabilities not due

Dividends declared and interest and rents accrued, not due	642,202 05
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Deferred credit items

Operating reserves	
Reserves for replacement of property	\$ 186,134 40
Items in suspense	<u>150,873 94</u>
	337,008 34

Appropriated surplus

Additions to property through income since June 30, 1907	2,181,546 86
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Free Surplus

Profit and loss—balance	9,965,978 28
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<u>\$83,387,242 98</u>

*Annual Report**STOCK AND BONDS OWNED OR ACQUIRED UNDER LEASE**Stock*

	Shares	Par Value
Battle Creek & Sturgis Ry Co.	4175	\$ 417,500 00
Bay City & Battle Creek Ry Co.	3000	300,000 00
Buchanan & St. Joseph River R R Co.	200	20,000 00
Canada Southern Railway Co.	78100	7,810,000 00
Chicago, Indiana & Southern R R Co.	30000	3,000,000 00
Chicago, Kalamazoo & Saginaw Ry Co.	2700	270,000 00
Clifton Hotel Co Ltd	150	15,000 00
Detroit & Bay City R R Co.	6000	600,000 00
Detroit & Charlevoix R R Co.	5203	520,300 00
Detroit Belt Line R R	1000	100,000 00
Detroit, Delray & Dearborn R R Co.	35	3,500 00
Detroit Manufacturers' R R	1280	128,000 00
Detroit River Tunnel Co.	30000	3,000,000 00
Detroit Terminal R R Co.	932	93,200 00
Detroit, Toledo & Milwaukee R R Co.	7500	750,000 00
Grand River Valley R R Co.	1569	156,900 00
Indiana Harbor Belt R R Co.	12250	1,225,000 00
Jackson, Lansing & Saginaw R R Co.	6743	674,300 00
Joliet & Northern Indiana R R Co.	3000	300,000 00
Kalamazoo & South Haven R R Co.	2575	257,500 00
Lansing Transit Railway Co.	10	1,000 00
Mackinac Transportation Co.	866 $\frac{2}{3}$	21,666 67
Michigan Air Line R R Co.	6685 $\frac{1}{2}$	334,262 50
Toledo Terminal Railroad C'o.	4800	480,000 00
Toronto, Hamilton & Buffalo Ry C'o.	4464	446,400 00
		<u>\$20,924,529 17</u>

Bonds

Battle Creek & Sturgis Ry Co.	\$24,000 00
Bay City & Battle Creek Ry Co.	48,000 00
Chicago, Kalamazoo & Saginaw Ry Co.	761,000 00
Toronto, Hamilton & Buffalo Ry Co.	357,000 00
	<u>\$1,190,000 00</u>

The securities owned by this company are carried on its books at a total value of \$9,375,998.38.

*CAPITALIZATION**Capital stock*

Number of shares issued and outstanding	187,380	Total par value issued and outstanding	\$18,738,000.00
Number of shares authorized	187,380	Total par value authorized	\$18,738,000.00
Par value per share	\$100 00		

Amount of capital stock per mile of road owned (270.07 miles) \$69,382.00

*The Michigan Central Railroad Company**CAPITALIZATION (concluded)**Funded debt*

<u>Class of bond</u>	<u>Date of issue</u>	<u>Date of maturity</u>	<u>Amount of authorized issue</u>	<u>Amount issued and now outstanding</u>	<u>Rate of interest</u>	<u>Payable on the first days of</u>
Michigan Central First mortgage	1902	May 1, 1952	\$18,000,000	\$14,000,000	3½ %	May and November
Gold Debentures	1909	April 1, 1929	25,000,000	7,634,000	4 %	April and October
Gold Notes	1907	February 1, 1910	10,000,000	10,000,000	5 %	February and August
Detroit & Bay City First mortgage	1881	March 1, 1931	4,000,000	4,000,000	5 %	March, June, September and December
Kalamazoo & South Haven First mortgage	1889	November 1, 1939	700,000	700,000	5 %	May and November
Michigan Air Line First mortgage	1890	January 1, 1940	2,600,000	2,600,000	4 %	January and July
Jackson, Lansing & Saginaw First mortgage	1901	September 1, 1951	*2,000,000	1,725,000	3½ %	March and September
Joliet and Northern Indiana First mortgage	1907	July 10, 1957	3,000,000	1,500,000	4 %	January and July 10th
Total amount of funded debt						\$42,159,000

* \$275,000 purchased and retired by the Land Grant Trustees

Amount of funded debt per mile of road

<u>Road</u>	<u>Funded debt</u>	<u>Miles</u>	<u>Amount per mile of road</u>
Michigan Central Railroad	\$31,634,000	270·07	\$117,133
Detroit & Bay City Railroad	4,000,000	171·34	23,345
Kalamazoo & South Haven Railroad	700,000	39·50	17,722
Michigan Air Line Railroad	2,600,000	115·16	22,577
Jackson, Lansing & Saginaw Railroad	1,725,000	379·23	4,562
Joliet and Northern Indiana Railroad	1,500,000	45·00	6,667
	\$42,159,000	1,020·30	\$41,320

<i>Treasurer, Grand Central Station, New York</i>	Transfers stock and pays dividends on stock Transfers and pays interest on registered bonds Pays coupons from gold debentures of 1909 Pays coupons from Michigan Central 4% bonds due 1959, secured by mortgage on the Grand River Valley Railroad Pays coupons from Michigan Central first mortgage bonds and bonds due 1951, secured by mortgage on the Jackson, Lansing & Saginaw Railroad Pays coupons from Michigan Central 4% bonds due 1957, secured by First mortgage on Joliet and Northern Indiana Railroad Pays coupons from all other issue of bonds
<i>Guaranty Trust Company of New York</i>	
<i>Union Trust Company of New York</i>	

*Annual Report**TABLE OF TRACKS*

MAIN LINE Kensington to Detroit	Miles 270·07	Second track 270·07	Third track 3·00	Fourth track 3·00	Sidings 358·10	Total 904·24
PROPRIETARY LINES						
Detroit & Bay City Railroad	109·00	7·60			54·65	171·25
Bay City & Battle Creek Railway	18·00				10·12	28·12
Battle Creek & Sturgis Railway	33·80				3·69	37·49
Detroit, Delray & Dearborn Railroad	5·96				1·61	7·57
Joliet & Northern Indiana Railroad	45·00				27·32	72·32
Detroit, Toledo & Milwaukee Railroad	66·56				10·32	76·88
Detroit Belt Line Railroad	4·39				11·79	16·18
<i>Total proprietary lines</i>	<u>282·71</u>	<u>7·60</u>	<u>—</u>	<u>—</u>	<u>119·50</u>	<u>409·81</u>
BRANCHES						
On Detroit & Bay City Railroad	62·34				44·30	106·64
<i>Total proprietary lines and branches</i>	<u>345·05</u>	<u>7·60</u>	<u>—</u>	<u>—</u>	<u>163·80</u>	<u>516·45</u>
LEASED LINES						
Michigan Air Line Railroad	115·16				45·77	160·93
Grand River Valley Railroad	83·79				20·64	104·43
Kalamazoo & South Haven Railroad	39·50				7·15	46·66
Jackson, Lansing & Saginaw Railroad	295·10	3·44			293·52	592·05
Detroit Manufacturers' Railroad	1·29				1·86	3·15
St. Joseph, South Bend & Southern Railroad	39·44				7·28	46·72
Benton Harbor Extension	1·63				·74	2·37
Canada Southern Railway (in Canada)	226·18	226·18			163·45	615·81
Canada Southern Bridge Company	3·66				1·65	5·31
St. Clair & Western Railroad	14·68				1·40	16·08
Toledo, Canada Southern & Detroit Railway	55·87	3·40			99·67	158·94
<i>Total leased lines</i>	<u>876·30</u>	<u>233·02</u>	<u>—</u>	<u>—</u>	<u>643·13</u>	<u>1,752·45</u>
BRANCHES						
On Jackson, Lansing & Saginaw Railroad	84·13				117·28	201·41
On Toledo, Canada Southern & Detroit Railway	3·05				9·13	12·18
On Canada Southern Railway (in Canada)	153·86	16·80			44·69	215·35
	<u>241·04</u>	<u>16·80</u>	<u>—</u>	<u>—</u>	<u>171·10</u>	<u>428·94</u>
<i>Total leased lines and branches</i>	<u>1,117·34</u>	<u>249·82</u>	<u>—</u>	<u>—</u>	<u>814·23</u>	<u>2,181·39</u>
<i>Total main line, proprietary and leased lines</i>	<u>1,732·46</u>	<u>527·49</u>	<u>3·00</u>	<u>3·00</u>	<u>1,336·13</u>	<u>3,602·08</u>
LINES OPERATED UNDER TRACKAGE RIGHTS						
Illinois Central Railroad, Kensington to Chicago	14·00	14·00				28·00
<i>Grand total, all lines operated</i>	<u>1,746·46</u>	<u>541·49</u>	<u>3·00</u>	<u>3·00</u>	<u>1,336·13</u>	<u>3,630·08</u>

Recapitulation according to States

	Main line	Proprietary	Leased	Otherwise operated	Total
Michigan	221·00	300·05	705·42		1,226·47
Illinois	6·07	29·00		14·00	49·07
Indiana	43·00	16·00	20·23		79·23
Ohio			11·65		11·65
Canada			380·04		380·04
	<u>270·07</u>	<u>345·05</u>	<u>1,117·34</u>	<u>14·00</u>	<u>1,746·46</u>

Gauge of track, 4 feet 8½ inches. Weight of rail, per yard, 52 to 100 pounds

*The Michigan Central Railroad Company***MILEAGE STATISTICS****LOCOMOTIVE MILEAGE**

	1909	1908	Increase	Decrease
REVENUE SERVICE				
Freight locomotive-miles	8,165,972	7,663,902	502,070	
Passenger locomotive-miles	6,043,026	5,725,885	317,141	
Mixed locomotive-miles	446,924	424,314	22,610	
Special locomotive-miles	17,849	16,772	1,077	
Switching locomotive-miles	5,230,401	4,927,357	303,044	
Total revenue locomotive mileage	19,904,172	18,758,230	1,145,942	
Non-revenue locomotive mileage	789,082	539,981	249,101	
Total locomotive mileage	20,693,254	19,298,211	1,395,043	

TRAIN MILEAGE

	1909	1908	Increase	Decrease
REVENUE SERVICE				
Freight train-miles	6,758,818	6,480,170	278,648	
Passenger train-miles	5,820,841	5,473,871	346,970	
Mixed train-miles	434,363	447,581		13,218
Special train-miles	7,080	13,503		6,423
Total revenue train mileage	13,021,102	12,415,125	605,977	
Non-revenue train mileage	397,027	204,708	192,319	
Total train mileage	13,418,129	12,619,833	798,296	

CAR MILEAGE

	1909	1908	Increase	Decrease
REVENUE SERVICE				
Freight car-miles				
Loaded	182,719,556	166,031,508	16,688,048	
Empty	69,136,164	72,966,858		3,830,694
Caboos	6,936,683	6,519,102	417,581	
Total freight car-miles	258,792,403	245,517,468	13,274,935	
Passenger car-miles				
Passenger	13,598,903	12,690,635	908,268	
Sleeping, parlor and observation	9,922,497	9,311,088	611,409	
Other passenger-train cars	16,440,803	14,806,529	1,634,274	
Total passenger car-miles	39,962,203	36,808,252	3,153,951	
Special car-miles				
Freight—loaded	61,824	93,085		31,261
Caboos	4,262	6,405		2,143
Passenger	7,713	18,134		10,421
Sleeping, parlor and observation	4,270	12,611		8,341
Other passenger-train cars	9,232	22,521		13,289
Total special car-miles	87,301	152,756		65,455
Total revenue car mileage	298,841,907	282,478,476	16,363,431	
Non-revenue car mileage	8,174,167	3,342,403	4,831,764	
Total car mileage	307,016,074	285,820,879	21,195,195	

*Annual Report****TRAFFIC STATISTICS*****DESCRIPTION OF FREIGHT MOVED**

	1909	1908	Increase	Decrease
	Tons	Tons	Tons	Tons
PRODUCTS OF AGRICULTURE				
Grain	1,039,231	1,116,210		76,979
Flour	239,980	251,038		11,058
Other mill products	236,949	256,591		19,642
Hay	194,165	128,631	65,534	
Tobacco	13,349	11,947	1,402	
Cotton	31,045	45,341		14,296
Fruit and vegetables	234,075	234,571		496
Other articles	400,467	328,716	71,751	
PRODUCTS OF ANIMALS				
Live stock	348,466	405,988		57,522
Dressed meats	159,837	153,300	6,537	
Other packing house products	93,402	96,828		3,426
Poultry, game and fish	20,160	26,195		6,035
Wool	14,261	12,946	1,315	
Hides and leather	40,984	40,489	495	
Dairy products	53,132	60,746		7,614
Other articles	36,147	30,114	6,033	
PRODUCTS OF MINES				
Anthracite coal	1,197,245	1,232,777		35,532
Bituminous coal	2,858,585	2,459,090	399,495	
Coke	296,845	151,188	145,657	
Ores	20,627	35,372		14,745
Stone, sand and other like articles	1,487,492	1,226,883	260,609	
Other articles	272,514	249,774	22,740	
PRODUCTS OF FOREST				
Lumber	954,950	664,892	290,058	
Other articles	1,316,839	1,039,063	277,776	
MANUFACTURES				
Petroleum and other oils	128,800	120,953	7,847	
Sugar	97,797	67,518	30,279	
Iron: pig and bloom	166,296	90,886	75,410	
Iron and steel rails	26,689	16,719	9,970	
Other castings and machinery	508,152	355,214	152,938	
Bar and sheet metal	292,165	166,773	125,392	
Cement, brick and lime	476,979	382,838	94,141	
Agricultural implements	70,547	63,924	6,623	
Wagons, carriages, tools, etc	77,856	50,079	27,777	
Wines, liquors and beers	43,323	40,439	2,884	
Household goods and furniture	50,313	40,159	10,154	
Other articles	2,117,158	1,700,959	416,199	
MISCELLANEOUS				
Other commodities not previously mentioned	1,201,732	992,313	209,419	
TOTAL	<u>16,818,554</u>	<u>14,347,464</u>	<u>2,471,090</u>	

The Michigan Central Railroad Company
TRAFFIC STATISTICS (concluded)

FREIGHT	1909	1908	Increase	Decrease
Tons of revenue freight carried	16,818,554	14,347,464	2,471,090	
Tons of company freight carried	2,007,587	1,733,860	273,727	
Total tons of freight carried	18,826,141	16,081,324	2,744,817	
Tons of revenue freight carried one mile	2,917,241,949	2,634,120,022	283,121,927	
Tons of company freight carried one mile	124,282,360	112,256,860	12,025,500	
Total tons of freight carried one mile	3,041,524,309	2,746,376,882	295,147,427	
Miles of road operated in freight service	1,746·46	1,746·46		
Tons of revenue freight carried one mile per mile of road	1,670,374	1,508,262	162,112	
Tons all freight carried one mile per mile of road	1,741,537	1,572,539	168,998	
Average distance haul of one ton of revenue freight	173	184		11
Average distance haul of one ton all freight	162	171		9
Average number of tons of revenue freight per train mile	406	380	26	
Average number of tons all freight per train mile	423	396	27	
Average number of tons of revenue freight per loaded car mile	15·97	15·87	·10	
Average number of tons all freight per loaded car mile	16·59	16·50	·09	
Average number of freight cars per train mile	35·98	35·44	·54	
Average number of loaded cars per train mile	25·40	23·97	1·43	
Average number of empty cars per train mile	9·61	10·53		·92
Total freight revenue	\$18,267,530.44	\$16,026,759.19	\$2,240,771.25	
Average amount received for each ton of freight	\$1.09	\$1.12		\$0.03
Average revenue per ton per mile	cts. 0.626	cts. 0.608	cts. 0.018	
Average revenue per mile of road	\$10,459.75	\$9,176.71	\$1,283.04	
Average revenue per train mile	\$2.54	\$2.31	\$0.23	
PASSENGER				
Number of interline passengers carried	1,023,896	857,888	166,008	
Number of local passengers carried	3,931,918	3,860,285	71,633	
Number of commutation passengers carried	479,818	432,698	47,120	
Total number of revenue passengers carried	5,435,632	5,150,871	284,761	
Total number of revenue passengers carried one mile	341,347,490	309,184,971	32,162,519	
Miles of road operated in passenger service	1,700·77	1700·77		
Number of revenue passengers carried one mile per mile of road	200,702	181,791	18,911	
Average distance each revenue passenger carried	62·80	60·03	2·77	
Average number of passengers per train mile	54·57	52·21	2·36	
Average number of passengers per car mile	14·51	14·05	·46	
Average number of passenger cars per train mile	6·39	6·22	·17	
Total passenger revenue	\$6,655,698.85	\$6,030,419.26	\$625,279.59	
Average amount received from each passenger	\$1.22	\$1.17	\$0.05	
Average revenue per passenger per mile	cts. 1.950	cts. 1.950		
Total passenger service train revenue	\$8,457,024.14	\$7,605,868.45	\$851,155.69	
Average passenger service train revenue per mile of road	\$4,972.47	\$4,472.01	\$500.46	
Average passenger service train revenue per train mile	\$1.35	\$1.28	\$0.07	
TOTAL TRAFFIC				
Operating revenues	\$27,415,467 20	\$24,222,139 20	\$3,193,328 00	
Operating expenses	18,499,528 24	16,783,767 94	1,715,760 30	
Net operating revenue	\$8,915,938 96	\$7,438,371 26	\$1,477,567 70	
Operating revenues per mile of road	\$15,697 74	\$13,869 28	\$1,828 46	
Operating expenses per mile of road	10,592 59	9,610 17	982 42	
Net operating revenues per mile of road	\$5,105 15	\$4,259 11	\$846 04	
Operating revenues per train mile	\$2 10	\$1 95	\$0 15	
Operating expenses per train mile	1 42	1 35	0 07	
Net operating revenue per train mile	\$0 68	\$0 60	\$0 08	

*Annual Report***EQUIPMENT STATISTICS**

	1909	1908
Average mileage per engine	35,373	35,739
Cost of repairs per engine mile	cts. 6.08	cts. 5.68
Total capacity of freight train cars, tons	733,180	741,230
Average capacity of freight train cars, tons	33.73	33.57
Seating capacity of passenger cars	17,071	16,195
Average seating capacity of passenger cars	62	61
Average mileage per passenger train car	90.112	85.145
Average cost of repairs per passenger train car mile	cts. 0.585	cts. 0.449
Capacity of floating equipment:		
4 car floats	} capacity 76 freight cars or 40 passenger cars } average 19 freight cars or 10 passenger cars	

MISCELLANEOUS STATISTICS**CONSUMPTION OF FUEL BY LOCOMOTIVES**

Total fuel, tons (all bituminous coal)	1,227,421	1,195,884
Average pounds consumed per mile run by locomotives in freight service	167	170
Average pounds consumed per mile run by locomotives in passenger service	99	98
Average cost of fuel per ton	\$1.954	\$1.985
Average cost of fuel per locomotive mile	cts. 11.64	cts. 12.33

NEW STEEL RAIL LAID DURING THE YEAR

20,975 tons 100-pound rail, average price per ton \$33.53

NEW TIES LAID DURING THE YEAR

Oak	352,830
Chestnut	367,489
Cedar	175,924
Miscellaneous	14,571
	<hr/>
	910,814

Average price at distributing points, cents 61

*The Michigan Central Railroad Company**EQUIPMENT**Including Equipment of Leased Lines***LOCOMOTIVES**

	1909	1908
For passenger service	154	142
For freight service	276	261
For switching service	150	136
Total locomotives in service	<u>580</u>	<u>539</u>

CARS IN PASSENGER SERVICE

Passenger coaches	116	105
Smoking cars	30	30
Combination cars	29	29
Immigrant and excursion cars	72	73
Dining cars	16	15
Buffet and cafe cars	15	15
Mail, express and baggage cars	128	129
Officers' and pay cars	6	6
Other cars in passenger service	12	13
Passenger cars, joint service (M. C. proportion)	3	3
Special service cars	4	3
Totals	<u>431</u>	<u>421</u>

CARS IN FREIGHT SERVICE

Box cars	11,586	11,851
Flat cars, wooden	2,537	2,547
Flat cars, steel	93	94
Stock cars	*1,016	*1,037
Coal and coke cars	2,404	2,433
Refrigerator and produce cars	581	582
Caboose cars	313	294
Oil transport cars	32	35
Totals	<u>18,562</u>	<u>18,873</u>

CARS IN COMPANY'S SERVICE

Ballast cars	180	180
Derrick cars	4	4
Steam wrecking cranes	6	6
Cinder and push cars	25	25
Other road cars	572	565
Totals	<u>787</u>	<u>780</u>

MARINE DEPARTMENT

Ferryboats		
Side wheel, single deck	3	3
Screw wheel, single deck	1	1
Totals	<u>4</u>	<u>4</u>

* Includes 250 cars leased from Mather Stock Car Co.

*Annual Report**EQUIPMENT (continued)**Leased Under Equipment Trust*

LOCOMOTIVES		
	1909	1908
For passenger service	5	5
Totals,	<hr/> 5	<hr/> 5

CARS IN PASSENGER SERVICE

Smoking cars	6	6
Combination cars	8	8
Buffet cars	1	1
Totals	<hr/> 15	<hr/> 15

CARS IN FREIGHT SERVICE

Box cars	1,491	1,498
Box cars (automobile)	495	495
Flat cars, steel	500	500
Coal cars	1,000	1,000
Totals,	<hr/> 3,486	<hr/> 3,493

CARS IN COMPANY'S SERVICE

Ballast cars	200	200
Totals	<hr/> 200	<hr/> 200

The Michigan Central Railroad Company

*REPORT OF THE LAND COMMISSIONER OF THE JACKSON, LANSING &
SAGINAW RAILROAD COMPANY*

DETROIT, MICH., JANUARY 31st, 1910

MR. W. C. BROWN

President Michigan Central Railroad

NEW YORK

DEAR SIR—I respectfully submit herewith annual statement of the business of the Land Department of this company for the year ending December 31st, 1909

LANDS AND SALES

LANDS	Acres	Amount
Unsold January 1st, 1909, according to patents	26,875.05	
Sold during the year	1,273.14	
Unsold at the close of the year	25,601.91	
 Sales		
Lands		\$7,462 23

LAND CONTRACTS

Total amount due on contracts at the close of the year	\$16,999 39
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The sales for the last five years are as follows

	1905	1906	1907	1908	1909
Acres sold	3,786.10	11,096.11	1,384.85	774.10	1,273.14
Average per acre	\$3 87	\$2 48	\$7 96	\$6 31	\$5 86
Land sales	\$14,646 46	\$27,558 29	\$11,028 78	\$4,885 82	\$7,462 23
Timber sales	50 00				
Total	\$14,696 46	\$27,558 29	\$11,028 78	\$4,885 82	\$7,462 23

*The Michigan Central Railroad Company**REPORT OF THE LAND COMMISSIONER OF THE JACKSON, LANSING & SAGINAW RAILROAD COMPANY (concluded)*

RECEIPTS

Cash on hand January 1st, 1909	\$2,486 47
From payments on land contracts and sales	8,367 81
From interest	312 33
	<hr/>
Total	\$11,166 61

DISBURSEMENTS

Deposited to the credit of trustees	\$1,712 55
For taxes	1,376 52
For salaries and commissions	3,534 98
For explorations	10 00
For legal expenses	234 48
For miscellaneous expenses	10 55
Balance	4,287 53
	<hr/>
Total	\$11,166 61

NATHANIEL E. SLAYMAKER
Land Commissioner.

Messrs. Ledyard, Russel and Joy, Trustees

Balance on hand end of 1908, as shown by report for that year	\$4,958 70
Amount received from land commissioner during 1909	1,712 55
Interest on land fund year 1909	54 85
	<hr/>
Total	\$6,726 10
Bonds purchased and cancelled during 1909	4,671 25
	<hr/>
Cash on hand December 31, 1909	\$2,054 85